

**Year 5**  
**Block 3 Assessment**  
**Paper 1**  
**Non - Calculator Paper**  
**(Answers at the end of the quiz)**



# Question 1a

Town	Temperature
Aberdeen	-5°C
Glasgow	-6°C
Kendal	-3°C
London	4°C
Manchester	2°C
Wigan	-1°C

Look at the table showing temperatures of British towns in February.

- a. Which town had the highest temperature?



# Question 1b

Town	Temperature
Aberdeen	-5°C
Glasgow	-6°C
Kendal	-3°C
London	4°C
Manchester	2°C
Wigan	-1°C

b. Which town had the lowest temperature?



## Question 1c

Town	Temperature
Aberdeen	-5°C
Glasgow	-6°C
Kendal	-3°C
London	4°C
Manchester	2°C
Wigan	-1°C

c. What is the difference in temperature between London and Glasgow?



# Question 1d

Town	Temperature
Aberdeen	-5°C
Glasgow	-6°C
Kendal	-3°C
London	4°C
Manchester	2°C
Wigan	-1°C

d. Which two towns have a difference of  
4° C ?

\_\_\_\_\_ and  
\_\_\_\_\_



## Question 2

# Complete these doubling and halving sentences.

a.  $370 \times 2 =$

b.  $2 \times$    $= 520$

c.  $2 \times 3200 =$

d.  $2 \times$    $= 6800$

e.  $2 \times 4900 =$



# Question 3

Complete these number sentences. Write your answer as a fraction.

e.g.  $21 \div 10 = 2\frac{1}{10}$

a.  $21 \div 4 =$

b.  $8 \div 3 =$

c.  $38 \div 9 =$

d.  $27 \div$    $= 6\frac{3}{4}$

e.   $\div 7 = 5\frac{1}{7}$

## Question 4

Complete this multiplication table.

X	4	6	7	8	9
2	8	12	14	16	18
6					
7					
8					
9					





# Complete this fraction grid

Start Number	24	48	72	96	144
To find $\frac{1}{3}$ (divide by 3)	8		24		48
To find $\frac{1}{6}$ (half of $\frac{1}{3}$ )	4	8			

## Question 6

The table shows decimal numbers and equivalent fractions.  
Complete the table below.

Decimals	Equivalent Fractions
0.7	
0.03	
	$\frac{3}{4}$
	$\frac{1}{100}$
1.48	



# Question 7

a. 50% of £7 =

b. 25% of £10 =

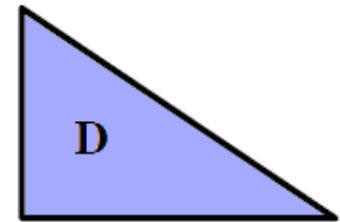
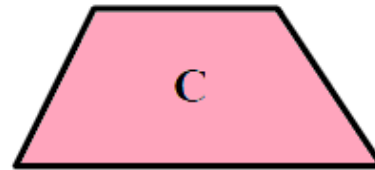
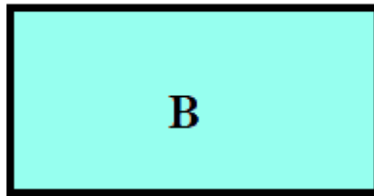
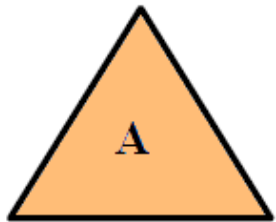
c. 10% of £30 =

d. 10% of £4 =

e. 75% of £20 =



## Question 8



Which shape has ONE pair of PARRALLEL sides? .....

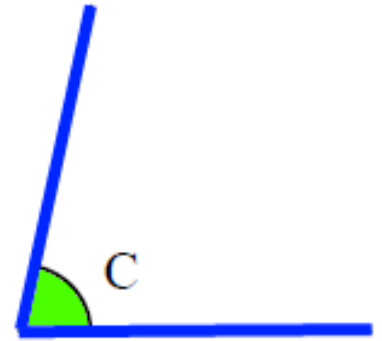
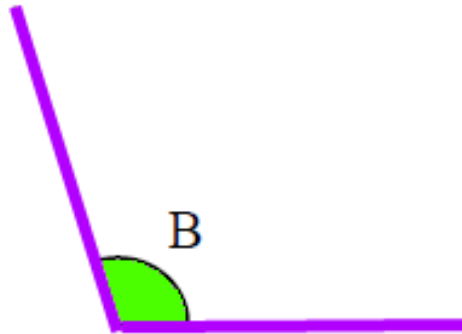
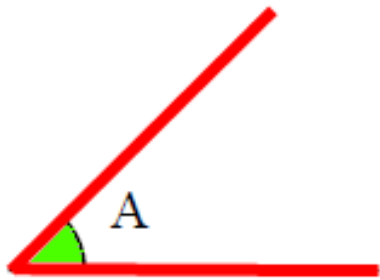
Which shape has TWO pairs of PARRALLEL sides? .....

Which shape contains only ONE right angle? .....



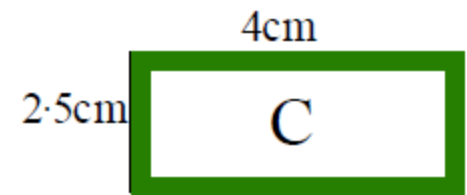
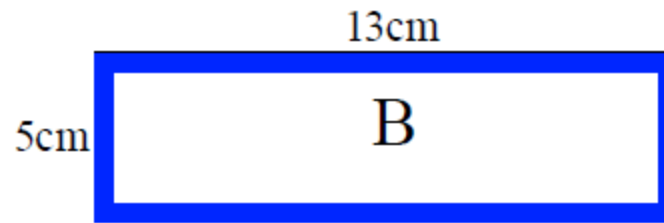
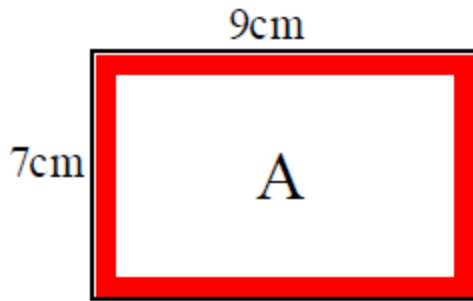
## Question 9

Use an angle measurer (protractor) to measure these angles.



# Question 10

Calculate the area of these shapes.



A =  cm<sup>2</sup>

B =  cm<sup>2</sup>

C =  cm<sup>2</sup>



## Question 11

Calculate the following differences.

a.  $43 - 36 =$

b.  $106 - 97 =$

c.  $707 - 689 =$

d.  $1002 - 994 =$

e.  $3000 - 1995 =$



## Question 12

a.  $1.6 - 1.5 =$

c.  $470 - 380 =$

e.  $810 - 380 =$

b.  $9.8 - 7.4 =$

d.  $9.2 - 8.6 =$



## Question 13

Complete these number sequences.

a) 250, 275, 300, , 350

b) 975, 950, 925, 900,

c) 10, 18, 26, , 42

d) 2.3, 2.6, 2.9, , 3.5

e) 87, 78, 69, 60,



# Answers

Question	N. C. Level	Answer	Marks	Total Marks																																				
1	5C	a) London      c) 10°C b) Glasgow     d) Aberdeen & Wigan	All correct – 3 marks 3 correct – 1 mark	3																																				
2	4C	a) 740            d) 3400 b) 260            e) 9800 c) 6400	All correct – 2 marks 3 or 4 correct – 1 mark	2																																				
3	4A	a) $5\frac{1}{4}$ d) 4 b) $2\frac{2}{3}$ e) 36 c) $4\frac{2}{9}$	All correct – 3 marks 3 or 4 correct – 2 marks 2 correct – 1 mark	3																																				
4	4C	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>X</td><td>4</td><td>6</td><td>7</td><td>8</td><td>9</td></tr> <tr><td>2</td><td>8</td><td>12</td><td>14</td><td>16</td><td>18</td></tr> <tr><td>6</td><td>24</td><td>36</td><td>42</td><td>48</td><td>54</td></tr> <tr><td>7</td><td>28</td><td>42</td><td>49</td><td>56</td><td>63</td></tr> <tr><td>8</td><td>32</td><td>48</td><td>56</td><td>64</td><td>72</td></tr> <tr><td>9</td><td>36</td><td>54</td><td>63</td><td>72</td><td>81</td></tr> </table>	X	4	6	7	8	9	2	8	12	14	16	18	6	24	36	42	48	54	7	28	42	49	56	63	8	32	48	56	64	72	9	36	54	63	72	81	All correct – 3 marks 6 - 10 correct - 2 marks 0 – 5 correct – 0 marks	3
X	4	6	7	8	9																																			
2	8	12	14	16	18																																			
6	24	36	42	48	54																																			
7	28	42	49	56	63																																			
8	32	48	56	64	72																																			
9	36	54	63	72	81																																			
5	4B	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>Start Number</td><td>24</td><td>48</td><td>72</td><td>96</td><td>144</td></tr> <tr><td>To find <math>\frac{1}{3}</math></td><td>8</td><td>16</td><td>24</td><td>32</td><td>48</td></tr> <tr><td>To find <math>\frac{1}{6}</math></td><td>4</td><td>8</td><td>12</td><td>16</td><td>24</td></tr> </table>	Start Number	24	48	72	96	144	To find $\frac{1}{3}$	8	16	24	32	48	To find $\frac{1}{6}$	4	8	12	16	24	All correct – 3 marks 3 or 4 correct – 2 marks 0 – 2 correct – 0 marks	3																		
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To find $\frac{1}{6}$	4	8	12	16	24																																			
6	4B	$\frac{1}{10}, \frac{3}{100}, 0.75, 0.01, 1\frac{48}{100}$ or $1\frac{24}{50}$ or $1\frac{12}{25}$	All correct – 2 marks 3 - 4 correct – 1 mark	2																																				

# Answers

7	5C	a) £3.50 b) £2.50 c) £3.00	d) 40p e) £15.00	All correct - 2 marks 3 - 4 correct - 1 mark	2
8	4C	C, B, D		All correct - 2 marks 2 correct - 1 mark	2
9	4B	a) $45^\circ$ b) $107^\circ$ c) $78^\circ$ (allow 1 degree either way)		All correct - 2 marks 2 correct - 1 mark	2
10	4B	a) $63\text{cm}^2$	b) $65\text{cm}^2$ c) $10\text{cm}^2$	All correct - 2 marks 2 correct - 1 mark	2
11	4C	a) 7 b) 9 c) 18	d) 8 e) 1005	All correct - 2 marks 3 - 4 correct - 1 mark	2
12	4B	a) 0.1 b) 2.4 c) 90	d) 0.6 e) 430	All correct - 2 marks 3 - 4 correct - 1 mark	2
13	4B	a) 325 b) 875 c) 34	d) 3.2 e) 51	All correct - 2 marks 3 - 4 correct - 1 mark	2

# Levelling

## Y5 Block 3 Assessments Sections A & B Guide to Levels

B3	3C	3B	3A	4C	4B	4A	5
0 – 12	13 – 19	20 – 27	28 – 35	36 – 43	44 – 51	52 – 59	60 – 69

Total Marks A + B = 69



Printable Student Test Paper

[Click here](#) for the  
printable student test  
paper for Year 5 Blokk  
3 Test.



# References and additional resources.

The questions and ideas for this PowerPoint came from:  
Wigan LEA Numeracy Centre  
Year1 Block 1 Assessment

## *Thank You*

PowerPoint template published by [www.ksosoft.com](http://www.ksosoft.com)

All the planning for this unit can be found at:  
<http://www.wiganschoolsonline.net/curriculum/math/assess.shtm>

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